

Philippines Report

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Batanes, Batan Island Pilot

- Existing plant: a 500 kW MAN, medium speed, diesel; 2 x 500 kW Perkins, high speed, diesels
- Hybrid Power system:
 - Three Vergnet 60 kW wind turbines
 - 13.2 kV lines of the electric cooperative
 - 2 x 500 kW diesel generating sets
- Funded by local government, electric cooperative and the National Power Cooperation.
- AES and local First Philippine Energy Corp are the contractors for the project.

- Final installation completed
- System commissioning, training and testing underway



Potential Market

- To big to meter...
- On 17 most favorable remote diesel power stations one could install 550 MW by 2025.
- 69 remote diesel power systems that may be retrofitted using wind technology
- ~ 6000 un-electrified communities that will receive power through government supplied power stations

Problems...

- Cost of power is extremely high but and currently operated at a loss.
- The problems are many
 - Unclear and difficult/closed market
 - Unclear regulatory and policy environment
 - Outside funding sources
 - Poor political stability